

# BIOINSPIRED ENGINEERING OF EXPLORATION SYSTEMS

**SUMMARY & ROADMAP: BIOINSPIRED ENGINEERING OF EXPLORATION SYSTEMS(BEES)**  
Enabling better spatial coverage and access to hard-to-reach and hazardous areas at low recurring cost

## INSPIRATION

## IMPLEMENTATION

### BIOINSPIRED ADAPTIVE CONTROL

### BIOINSPIRED NAVIGATION

### $\mu$ SENSORS

### $\mu$ COMMUNICATION

### TEMPERATURE CONTROL

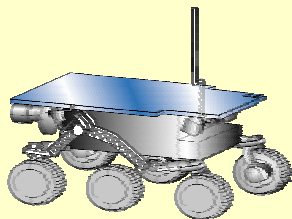
### $\mu$ STRUCTURE

### BIOINSPIRED COMPUTING

### BIOMORPHIC COOPERATIVE BEHAVIOR

### BIOINSPIRED MOBILITY

### $\mu$ POWER



1997

2002

2007

2012